Quantitation Report (Qedit)

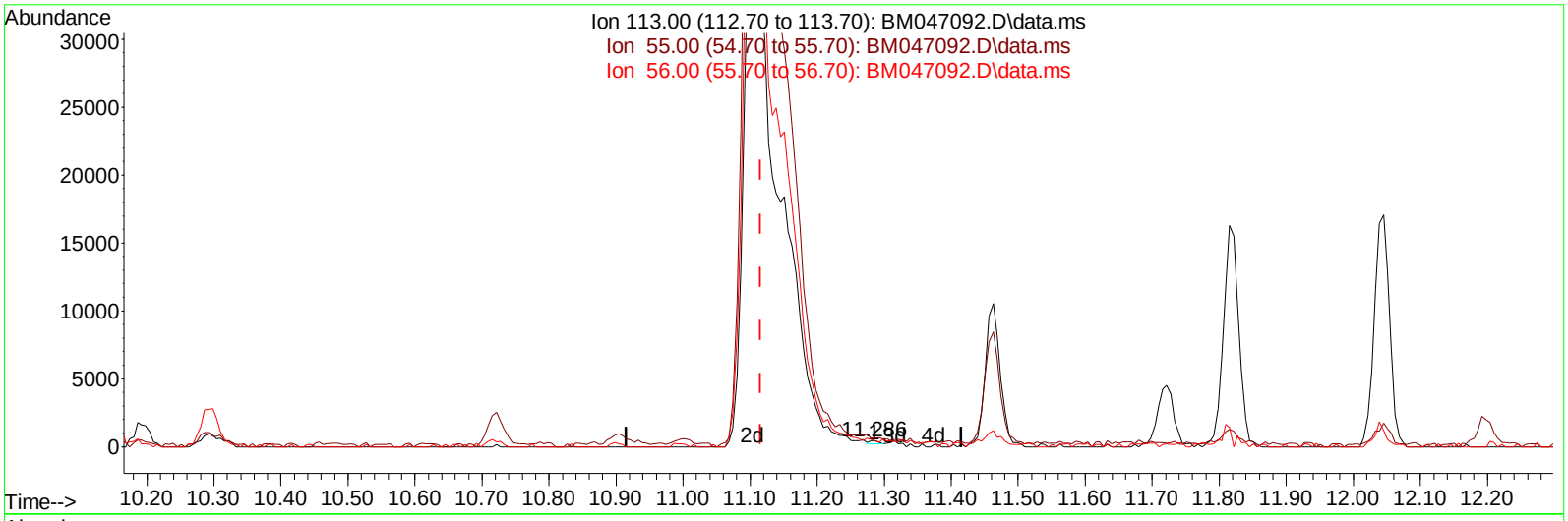
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080924\
Data File : BM047092.D
Acq On : 08 Aug 2024 18:47
Operator : RC/JU
Sample : P3435-06MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

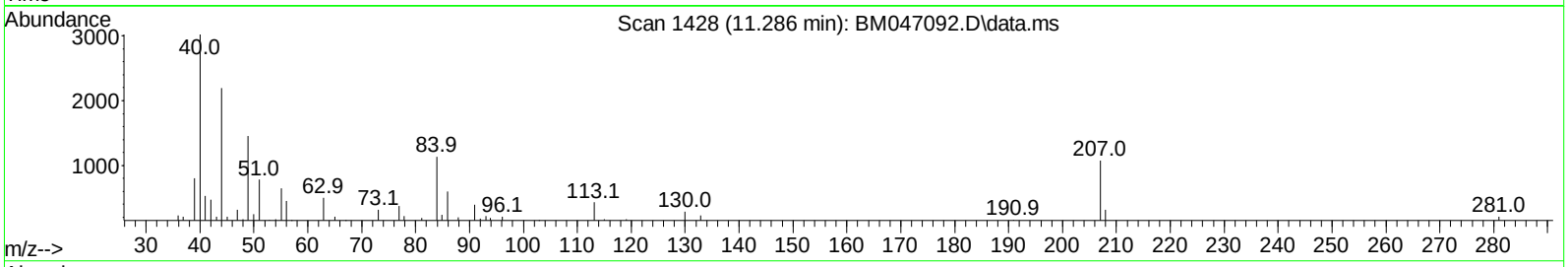
Quant Time: Aug 08 23:04:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 04:48:25 2024
Response via : Initial Calibration

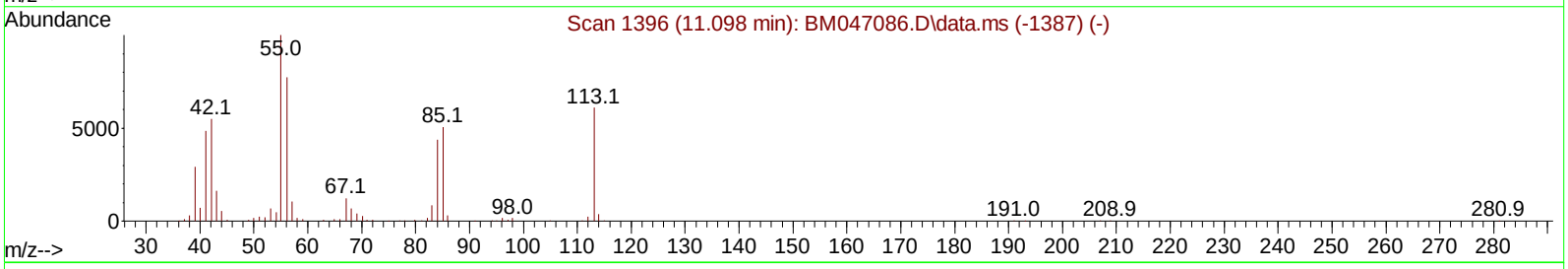
Instrument :
BNA_M
ClientSampleId :
E05W8MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/09/2024
Supervised By :mohammad ahmed 08/12/2024







TIC: BM047092.D\data.ms

(34) Caprolactam

11.286min (+ 0.171) 0.04 ng/ul

response 213

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	132.90	150.23
56.00	118.20	104.63
0.00	0.00	0.00

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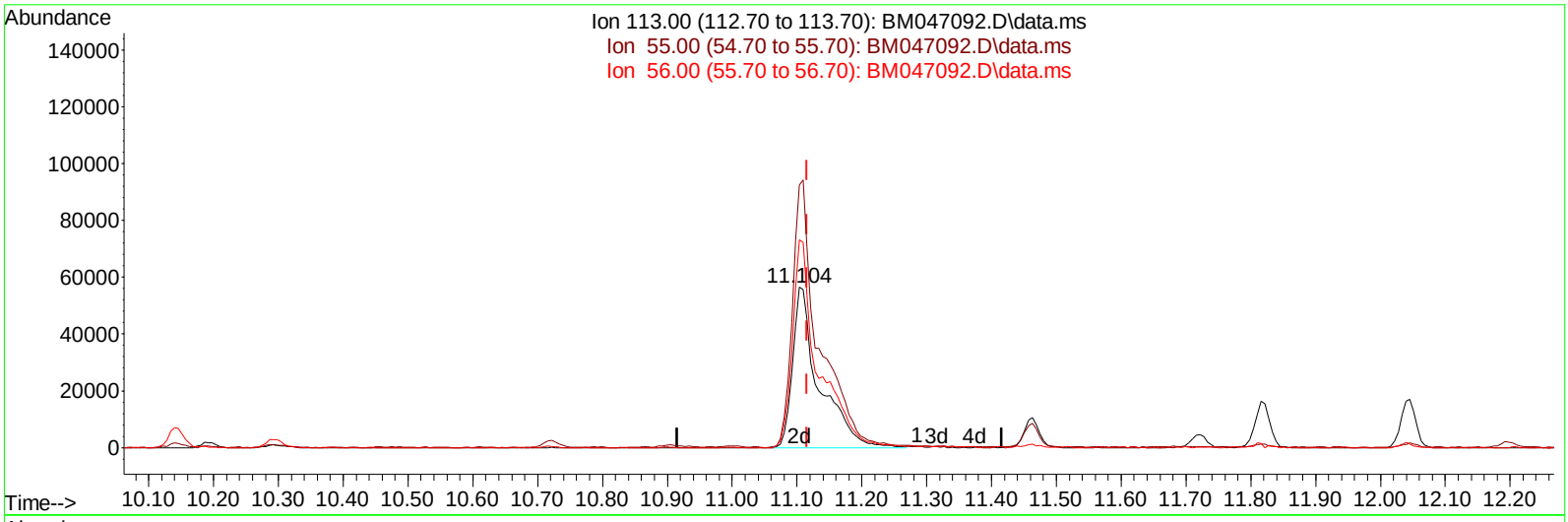

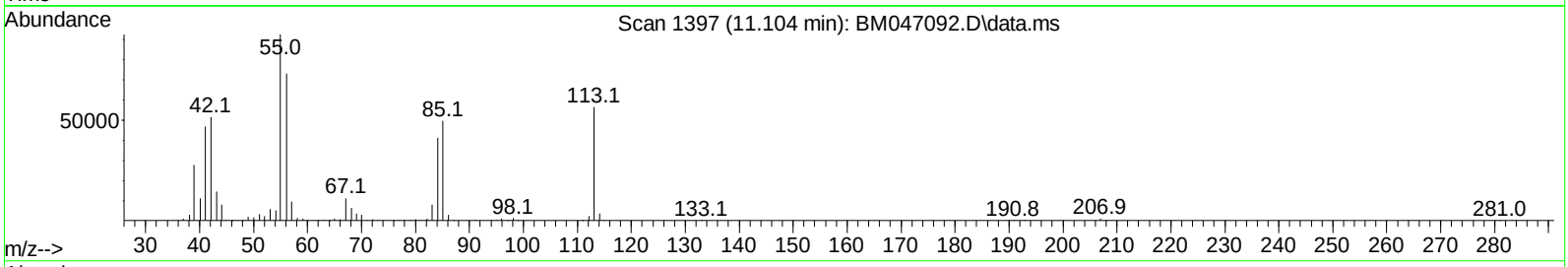

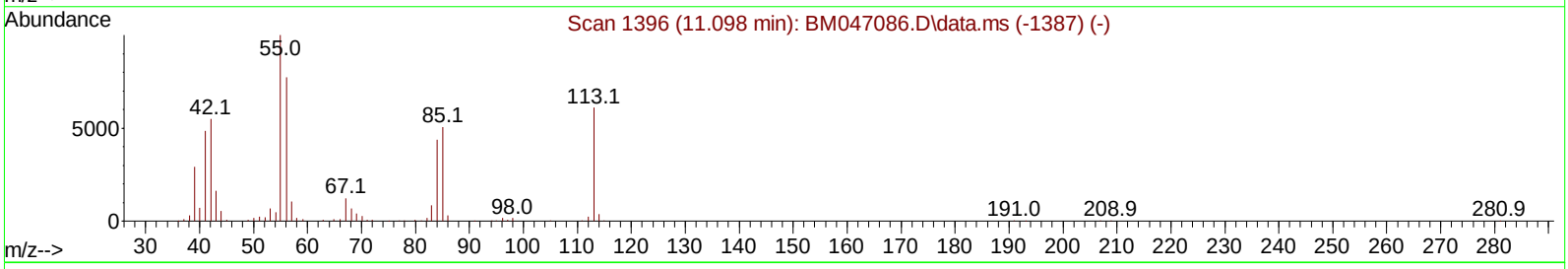

TIC: BM047092.D\data.ms

(34) Caprolactam

11.104min (-0.012) 33.16 ng/ul m

response 161218

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	132.90	163.72#
56.00	118.20	129.41
0.00	0.00	0.00

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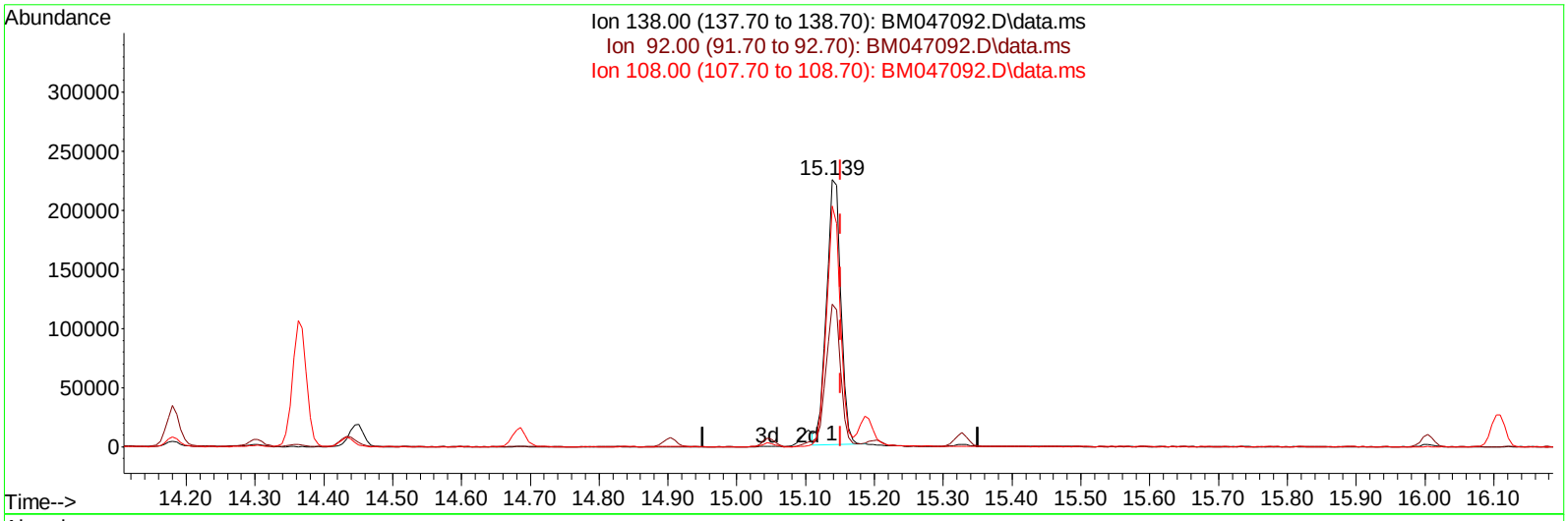

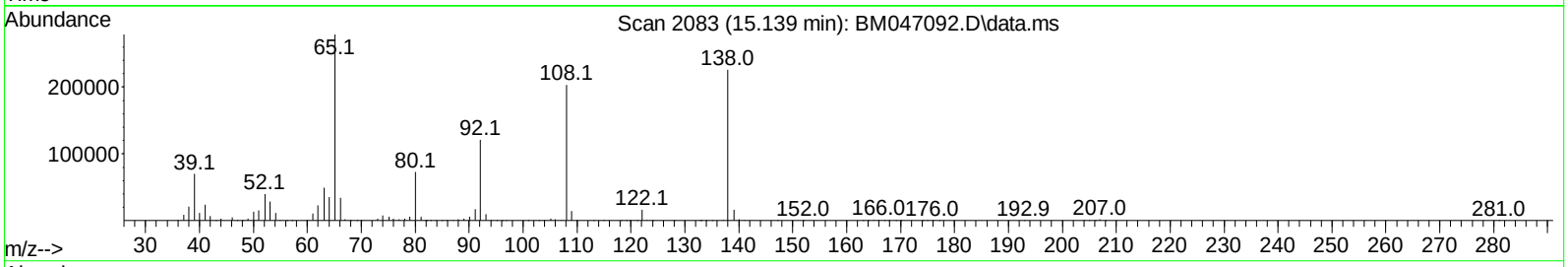

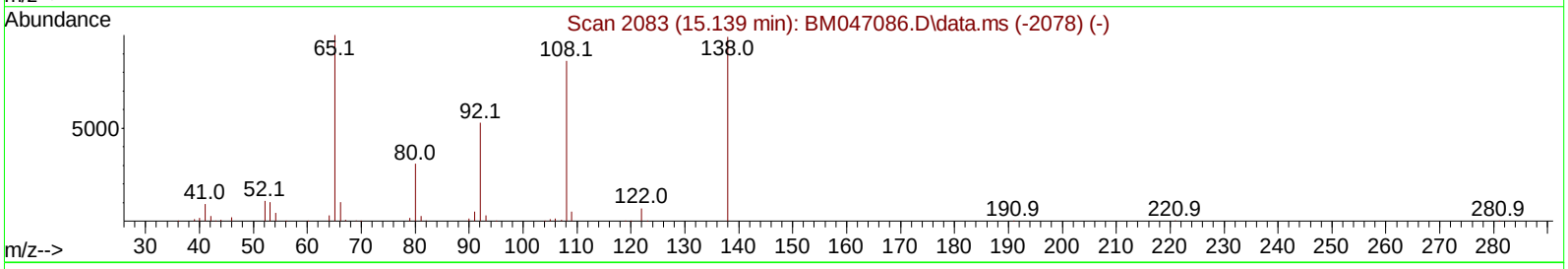

TIC: BM047092.D\data.ms

(63) 4-Nitroaniline

15.139min (-0.012) 34.09 ng/ul

response 324222

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.60	53.48
108.00	109.10	90.22
0.00	0.00	0.00

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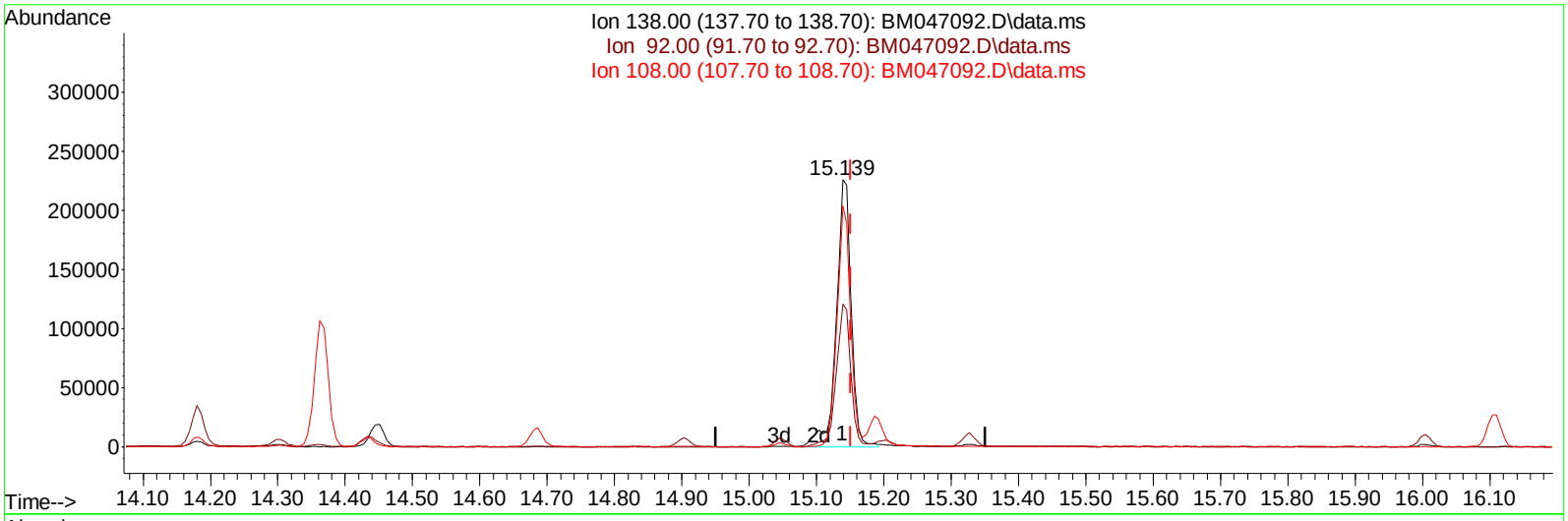

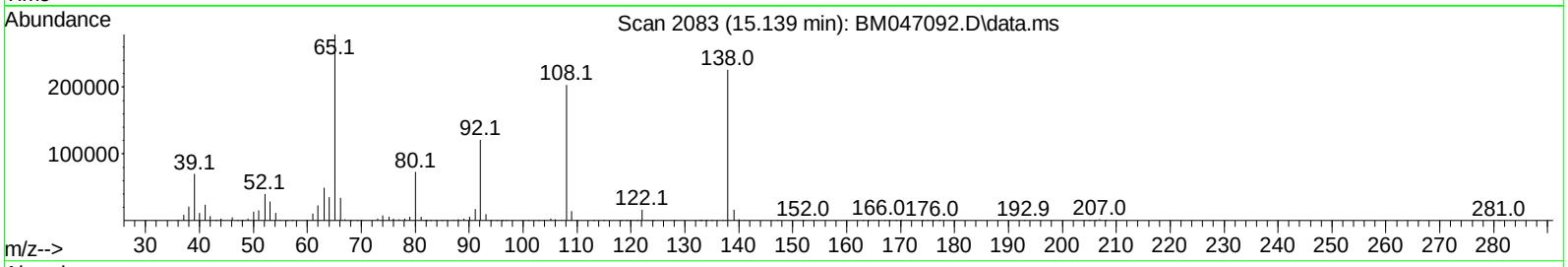

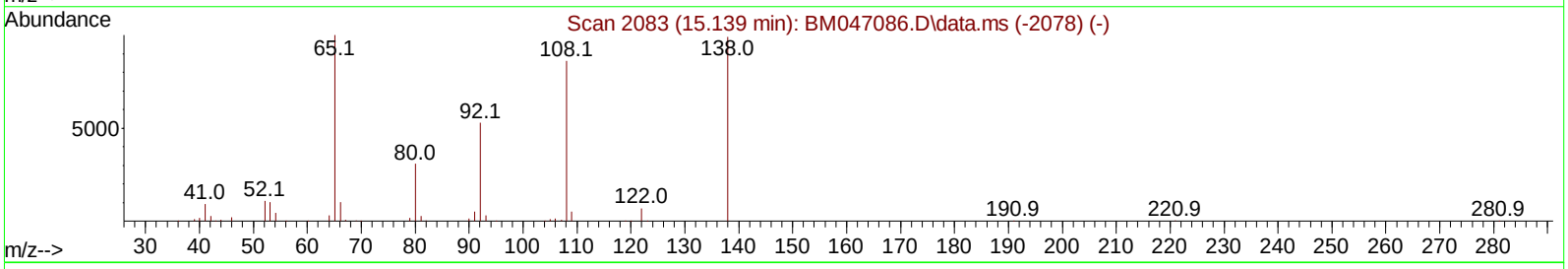

TIC: BM047092.D\data.ms

(63) 4-Nitroaniline

15.139min (-0.012) 36.66 ng/ul m

response 348659

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.60	53.48
108.00	109.10	90.22
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.386	152	234962	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.145	136	956664	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.045	164	633617	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.804	188	1361136	20.000	ng/ul	-0.01
79) Chrysene-d12	21.039	240	1167976	20.000	ng/ul	-0.01
88) Perylene-d12	23.738	264	1357479	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.016	96	20722	3.494	ng/uL	0.00
4) Pyridine-d5	3.404	84	306469	18.945	ng/ul	0.00
7) Phenol-d5	6.592	99	442812	24.809	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.745	67	257514	21.927	ng/ul	-0.01
11) 2-Chlorophenol-d4	6.928	132	331454	21.922	ng/ul	-0.01
15) 4-Methylphenol-d8	8.110	113	353808	25.023	ng/ul	-0.01
21) Nitrobenzene-d5	8.533	128	158883	20.697	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.245	143	174915	20.865	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	9.780	165	370861	23.041	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.292	131	466702	22.063	ng/ul	-0.01
46) Dimethylphthalate-d6	13.468	166	1116890	23.054	ng/ul	-0.01
49) Acenaphthylene-d8	13.727	160	1268349	23.454	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.286	143	172890	18.457	ng/ul	-0.01
60) Fluorene-d10	15.045	176	977721	23.592	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.186	200	140324	16.318	ng/ul	-0.01
73) Anthracene-d10	16.904	188	1570488	24.339	ng/ul	0.00
81) Pyrene-d10	19.215	212	1752034	26.204	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.556	264	1845317	25.816	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.046	88	67164	10.177	ng/uL	97
5) Pyridine	3.422	79	464758	29.019	ng/ul	94
6) Benzaldehyde	6.551	77	345627	33.713	ng/ul	97
8) Phenol	6.622	94	590750	32.865	ng/ul	91
10) Bis(2-Chloroethyl)ether	6.834	93	471152	30.752	ng/ul	95
12) 2-Chlorophenol	6.963	128	465906	30.417	ng/ul	98
13) 2-Methylphenol	7.845	108	434714	31.747	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	7.910	45	636312	34.659	ng/ul	98
16) Acetophenone	8.204	105	683733	30.723	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.198	70	363823	31.001	ng/ul	98
18) 4-Methylphenol	8.175	108	482753	32.630	ng/ul	99
19) Hexachloroethane	8.439	117	202239	27.104	ng/ul	100
22) Nitrobenzene	8.575	77	583296	28.440	ng/ul	96
23) Isophorone	9.104	82	1048917	29.889	ng/ul	99
25) 2-Nitrophenol	9.275	139	276139	30.111	ng/ul#	92
26) 2,4-Dimethylphenol	9.357	107	479436	26.522	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.586	93	653222	30.194	ng/ul	99
29) 2,4-Dichlorophenol	9.810	162	477123	29.721	ng/ul	97
30) Naphthalene	10.192	128	1445082	28.530	ng/ul	100
32) 4-Chloroaniline	10.316	127	553135	26.926	ng/ul	99
33) Hexachlorobutadiene	10.480	225	274134	23.670	ng/ul	97
34) Caprolactam	11.104	113	161218m	33.163	ng/ul	
35) 4-Chloro-3-methylphenol	11.463	107	510309	30.828	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.816	142	1036584	29.309	ng/ul	100
37) 1-Methylnaphthalene	12.045	142	1038835	29.015	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.198	216	547227	27.538	ng/ul	98
40) Hexachlorocyclopentadiene	12.174	237	228125	17.427	ng/ul#	98
41) 2,4,6-Trichlorophenol	12.457	196	392057	30.143	ng/ul	98
42) 2,4,5-Trichlorophenol	12.527	196	427440	30.437	ng/ul	99
43) 1,1'-Biphenyl	12.863	154	1367553	28.850	ng/ul	98
44) 2-Chloronaphthalene	12.898	162	1107619	29.424	ng/ul	99
45) 2-Nitroaniline	13.121	65	376424	32.906	ng/ul	98
47) Dimethylphthalate	13.521	163	1416281	29.133	ng/ul	100
48) 2,6-Dinitrotoluene	13.639	165	301579	31.912	ng/ul	87
50) Acenaphthylene	13.757	152	1732002	30.326	ng/ul	100
51) 3-Nitroaniline	13.963	138	325441	33.814	ng/ul	99
52) Acenaphthene	14.110	153	1196514	29.060	ng/ul	98
53) 2,4-Dinitrophenol	14.180	184	172691	25.898	ng/ul	92
55) 4-Nitrophenol	14.304	109	247972	26.156	ng/ul#	82
56) Dibenzofuran	14.445	168	1675570	28.996	ng/ul	96
57) 2,4-Dinitrotoluene	14.433	165	450554	31.198	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.686	232	355041	28.439	ng/ul	98
59) Diethylphthalate	14.904	149	1475977	28.223	ng/ul	99
61) Fluorene	15.104	166	1390427	29.172	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.110	204	646992	27.574	ng/ul	94
63) 4-Nitroaniline	15.139	138	348659m	36.658	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.204	198	263911	28.046	ng/ul	94
67) N-Nitrosodiphenylamine	15.327	169	1219261	30.221	ng/ul	97
68) 4-Bromophenyl-phenylether	16.004	248	422251	28.661	ng/ul	96
69) Hexachlorobenzene	16.109	284	504135	29.060	ng/ul	99
70) Atrazine	16.298	200	379422	23.970	ng/ul	99
71) Pentachlorophenol	16.462	266	329091	28.019	ng/ul	97
72) Phenanthrene	16.845	178	2295024	30.079	ng/ul	99
74) Anthracene	16.933	178	2266358	29.454	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.821	216	536667	27.403	ng/uL	96
76) Pentachlorobenzene	14.368	250	541608	26.718	ng/uL	98
77) Carbazole	17.215	167	2209147	30.969	ng/ul	99
78) Di-n-butylphthalate	17.803	149	2719728	29.983	ng/ul	99
80) Fluoranthene	18.874	202	2640787	33.049	ng/ul	97
82) Pyrene	19.245	202	2765222	32.478	ng/ul	96
83) Butylbenzylphthalate	20.180	149	1253413	33.682	ng/ul	98
84) 3,3'-Dichlorobenzidine	20.962	252	793734	27.721	ng/ul	98
85) Benzo(a)anthracene	21.021	228	2645765	31.016	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.980	149	1769977	32.580	ng/ul	99
87) Chrysene	21.074	228	2438599	29.974	ng/ul	99
89) Di-n-octyl phthalate	22.015	149	3088846	32.254	ng/ul	100
90) Benzo(b)fluoranthene	22.897	252	2706870	32.237	ng/ul	99
91) Benzo(k)fluoranthene	22.950	252	2662471	32.086	ng/ul	99
93) Benzo(a)pyrene	23.615	252	2426761	31.022	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.744	276	3140808	31.337	ng/ul	98
95) Dibenzo(a,h)anthracene	26.785	278	2526204	31.379	ng/ul	99
96) Benzo(g,h,i)perylene	27.668	276	2478122	31.293	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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